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10/695,995
DOCKET NO. K06-163512M/TBS

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AMENDMENTS TO THE CLAIMS:

Claim 1. (Previously presented - allowed) An electric power steering device comprising:

- a motor for generating a steering assisting force;
- means for obtaining steering torque;
- means for obtaining a rotation angular speed of said motor;
- means for obtaining a steering angular acceleration correspondence value, which corresponds to a sum of a value obtained by multiplying a change acceleration of the steering torque by a gain and a rotation angular acceleration of said motor, according to the obtained steering torque and the obtained rotation angular speed of said motor;
- means for regulating the gain;
- means for storing a relation between a motor output correction value, which is preliminarily determined in such a way as to compensate for the influence of the inertia on steering, and the steering angular acceleration correspondence value; and
- means for controlling said motor in such a way as to correct the steering assisting force according to the motor output correction value obtained according to the obtained steering angular acceleration correspondence value and the stored relation.

Claim 2. (Currently amended) The electric power steering device according to claim 1,

wherein said means for controlling sets a rate of increase in magnitude of the motor output correction value in a range, in which a magnitude of the steering angular acceleration correspondence value is large, to be larger than the a rate of increase in magnitude of the motor output correction value in the range, in which the magnitude of the steering angular